EXPRESS MAIL NO.: EL977215492US Attorney Docket No.: CS23552RL First Inventor: Pan, Jianhua UTILITY METHOD AND APPARATUS FOR ADAPTIVE ECHO PATENT APPLICATION Title: AND NOISE CONTROL TRANSMITTAL Express Mail Label No .: EL977215492US (Only for new nonprovisional applications under 37 CFR 1.53(b)) wi 4 APPLICATION ELEMENTS Mail Stop Patent Application ADDRESS TO: Commissioner for Patents (see MPEP chapter 600 concerning P. O. Box 1450 utility patent application contents) Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large 7. X | Fee Transmittal Form in duplicate 1. (Submit an original and a duplicate for fee processing) table or Computer Program (Appendix) Applicant claims small entity status 8. Nucleotide and/or Amino Acid Sequence 2. (if applicable, all necessary) See 37 CFR 1.27 Specification Computer Readable Form (CFR) 3. X Total Pages 14 a. (preferred arrangement set forth below) Specification Sequence Listing on: b. CD-ROM or CD-4 (2 copies); -Descriptive title of the invention -Cross Reference to Related Applications or paper Statements verifying identity of above copies -Statement Regarding Fed sponsored R&D c. ACCOMPANYING APPLICATION PARTS -Reference to sequence listing, a table, 9. Assignment Papers (cover sheet & document(s)) -Background of the Invention -Brief Summary of the Invention 10. Power of Attorney -Brief Description of the Drawings (if filed 37 CFR 3.73(b) Statement (when there is an assignee) -Detailed Description 11. English Translation Document (if applicable) -Claim(s) -Abstract of the Disclosure X 12. **IDS** Copies of IDS Citations 4. X | Drawing(s) **Total Sheets** 7 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) 5. Oath or Declaration 15. Certified Copy of Priority Document X | Newly executed (original or copy) Nonpublication Request under 35 U.S.C. Copy from a prior application (37 16. 122(b)(2)(B)(i). Applicant must attach form CFR 1.63(d)) (for continuation/divisional with PTO/SB/35 or its equivalent. Box 18 completed) DELETION OF INVENTOR(S) 17. Other: Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). Application Data Sheet under 37 CFR 1.76 6. IF A CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment: 18. Continuation-in- Part (CIP) Continuation Divisional Prior Appl. No. Group/Art Unit: Prior Appl. information: Examiner: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of

application parts 19. CORRESPONDENCE ADDRESS 20280 Customer Number or Bar Code Label Correspondence address below \boxtimes Matthew C. Loppnow Name Motorola, Inc. - Law Department 600 North U.S. Highway 45 Address State II. Zip Code 60048 City Libertyville 847-523-2585 847-523-2350 Country U.S.A. Telephone Fax 45,314 Name Matthew C. Loppnow Registration No. 11/20/03 **SIGNATURE** Date

the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted

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FEE TRANSMITTAL		Complete if Known								
		Application Number								
		Filing Date		11/20/03						
Patent fees are subject to annual revision		First Named Inventor		Jianh	ua Pan					
Applicant claims small entity status. See 37 CFR 1.27		Examiner Name								
		Group Art Unit								
TOTAL AMOUNT OF PAYMENT (\$) 810.00		Attorney Docket No.		CS23	552RL					
METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)							
Check Credit card Money Order Other No			3. ADDITIONAL FEES							
X Deposit Account:			Large Small . Entity Entity							
Deposit Account Number 502117			Fee	Fee	Fee	 Fee				
Deposit Account Name			Code	(\$)	Code	(\$)		Fee Description		
The Director is authorized to: (check all that apply)			1051	130	2051	65	Surcha	rge – late filing fee or oath		
X Charge fee(s) indicated below X Credit any overpayments			1052	50	2052	25		rge – late Provisional filing		
			1053	130	1053	130	Non-E	nglish specification		
X Charge any additional fee(s) during the pendency of this application			1812	2520	1812	2520		ng a request for ex parte mination		
Charge fees(s) indicated below, except for the filing fee to the above-identified deposit account.			1804	920°	1804	920*	Reques	ting publication of SIR prior to		
above-identified deposit account.			1805	1840*	1805	1840*	Reque	sting publication of SIR after		
FEE CALCULATION			1251	110	2251	55		ion for reply within first month		
122 6.1.			1252	420	2252	210	Extensi	on for reply within second month		
	_		1253	950	2253	475	Extensi	on for reply within third month		
1. BASIC FILING FEE			1254	1480	2254	740	Extensi	on for reply within fourth month		
			1255	2010	2255	1005	Extens	ion for reply within fifth month		
Large Entity Small En	tity		1401	330	2401	165		of Appeal		
	ee '\	e Paid	1402 1403	330 290	2402 2403	165 145		a brief in support of an appeal st for oral hearing	\vdash	
Code (\$) Code (\$	p) re	æraiu	1451	1510	1451	1510	•	n to institute a public use		
1001 770 2001 385	Utility filing fee 77	70	1452	110	2452	55	•	n to revive – unavoidable		
1002 340 2002 170			1453	1330	2453	665	Petitio	n to revive - unintentional		
1003 530 2003 269	Plant filing fee		1501	1330	2501	665	Utility i	ssue fee (or reissue)		
1004 770 2004 385	Reissue filing fee		1502	480	2502	240	Design	issue fee		
1005 160 2005 80	Provisional filing fee		1503	640	2503	320		ssue fee		
	011070744 (4) (6) 770	•••	1460 1807	130 50	1460 1807	130 50		ns to the Commissioner		
O EVEDA OLAMATERO	SUBTOTAL (1) (\$) 770.	00	1806	180	1806	180		sing fee under 37 CFR 1.17(q) ssion of IDS		
2. EXTRA CLAIM FEES Previously	Extra Fee from		8021	40	8021	40		ling each patent assignment	40	
Paid**	Claims below	Fee Paid					per pro	perty (times number of properties)	40	
Total Claims 20 - 20 Independent Claims 3 - 3	= 0 X 18 = 0 X 86	= 0	1809	770	2809	385	•	submission after final on (37 CFR § 1.129(a))		
Multiple Dependent	290	=	1810	770	2810	385	For ea	ch additional invention to be ned (37 CFR § 1.129(b))		
Large Entity Small Entity	[200]		1801	770	2801	385	Reque	st for Continued Examination		
Fee Fee Fee Fee Code (\$) Code (\$)	Fee Description	on	1802	900	1802	900	(RC Reque	st for expedited examination		
1202 18 2202 9	Claims in excess of 20						of a	design application		
1201 86 2201 43 1203 290 2203 145	Independent claims in excess of 3 Multiple dependent claim, if not pai	id	Other fee	(specify)						
1203 290 2203 143							***			
1205 18 2205 9 *Reissue claims in excess of 20 and over original patent										
SUBTOTAL (2) (\$) 0.00 "OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE. "For Pairsure, see above."				* Reduced by Basic Filing Fee paid SUBTOTAL (3) (\$) 40.00						
*For Reissues, see above							Comp	lete (if applicable)	_	
							T 2 22	2.2595		
					43,314			Telephone 847-523		
Signature Date 11/20/03										